

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| L1 | 507 | (multidie or multi-die or stacked near die) near2 package | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 08:46 |
| L2 | 235 | (interposer or substrate or package) near2 (recess or opening or indent or aperture or recessed or depression or depressed or receptacle) near2 (die or ic) and (multidie or (plural or plurality or multiple or multi or second or secondary) near (die or ic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 09:12 |
| L3 | 199 | (interposer or substrate or package) near2 (cavity) near2 (die or ic) and (multidie or (plural or plurality or multiple or multi or second or secondary) near (die or ic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 09:24 |
| L4 | 498 | (interposer) and (opening or aperture or hole or thruhole or cavity) near3 (wirebond or wire or wiring or bond) and (multichip or (stacked or plural or multi or multiple or plurality or second or two or third or three) near (chip or die or ic)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 09:43 |
| L5 | 36 | (US-20020079568-\$ or US-20040009631-\$ or US-20010004128-\$ or US-20030025199-\$ or US-20030085463-\$ or US-20030207516-\$ or US-20020047196-\$ or US-20040159955-\$ or US-20020109237-\$ or US-20020127770-\$ or US-20040084771-\$ or US-20020074630-\$ or US-20010036711-\$).did. or (US-6731015-\$ or US-6291267-\$ or US-6448506-\$ or US-5963794-\$ or US-5869894-\$ or US-6365963-\$ or US-6506633-\$ or US-6452278-\$ or US-5949135-\$ or US-6678167-\$ or US-6343019-\$ or US-5886412-\$ or US-5477082-\$ or US-6104089-\$ or US-5608262-\$ or US-6693362-\$ or US-6659512-\$ or US-6388333-\$ or US-6294406-\$ or US-6791195-\$ or US-6057594-\$ or US-5869889-\$).did. or (EP-1122786-\$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2006/09/22 09:48 |

EAST Search History

| | | | | | | |
|-----|-----|---|--|----|----|------------------|
| L6 | 333 | (interposer or substrate) near10 (aperture or opening or hole or window) near3 ((wire or wiring) near (bond or bonding) or wirebonds) near5 (chip or die or ic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 10:09 |
| L7 | 202 | (interposer or carrier near substrate) and (mcm or multichip or multidie or (plural or multiple or stacked or plurality or multi or bottom or back) near2 (chip or die or ic or module)) and (interposer or carrier or substrate) near2 (aperture or opening or recess or receptacle or window) near2 (chip or die or ic or wirebond or bonding near wire or wire near bond or pillar or interconnect) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 10:28 |
| L8 | 49 | (dual or double or two) near (side or sided) near2 interposer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 10:38 |
| L9 | 34 | (front or top or upper or first or parent or higher) near (chip or die or ic) near3 (bottom or back or lower or second or child or daughter) near (chip or die or ic) near3 (bonded or joined or connection or connected or connecting or wirebond or wirebonded or interconnect\$3 or wired) near5 (through or thru) near4 (substrate or interposer or carrier or pcb or pwb or wiring adj board or circuit adj board) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 10:43 |
| L10 | 474 | (carrier near substrate or interposer or wiring near board or wiring near substrate) near5 (cavity or aperture or opening or depression or recess or hole or receptacle) near (die or chip or ic) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 10:46 |
| L15 | 120 | (film or tape or resin or polyimide) near3 (substrate or carrier) near15 (tab or tape near automated near bonding) same (rigid\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 11:12 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|----|------------------|
| L16 | 403 | 257/723.ccls. and (die or ic or chip) near2 (recess or recessed or cavity or hole or aperture or opening or receptacle or socket or depression or depressed or indent or indentation or trench) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 11:37 |
| L17 | 216 | 257/724.ccls. and (die or ic or chip) near2 (recess or recessed or cavity or hole or aperture or opening or receptacle or socket or depression or depressed or indent or indentation or trench) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 12:37 |
| L18 | 845 | 257/782.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 12:03 |
| L19 | 374 | 257/777.ccls. and (die or ic or chip) near2 (recess or recessed or cavity or hole or aperture or opening or receptacle or socket or depression or depressed or indent or indentation or trench) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 12:57 |
| L20 | 213 | 257/786.ccls. and (die or ic or chip) near2 (recess or recessed or cavity or hole or aperture or opening or receptacle or socket or depression or depressed or indent or indentation or trench) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 13:08 |
| L21 | 5 | "5977640".pn. "6441495".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 13:08 |
| L22 | 1322 | 438/107.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 13:21 |
| L23 | 247 | 438/107.ccls. and (die or ic or chip) near2 (recess or recessed or cavity or hole or aperture or opening or receptacle or socket or depression or depressed or indent or indentation or trench) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 13:21 |
| L24 | 1656 | 438/108.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 13:42 |

EAST Search History

| | | | | | | |
|-----|------|---|---|----|----|------------------|
| L25 | 319 | 438/108.ccls. and (die or ic or chip) near2 (recess or recessed or cavity or hole or aperture or opening or receptacle or socket or depression or depressed or indent or indentation or trench) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 13:42 |
| L26 | 966 | 438/109.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 13:42 |
| L27 | 184 | 438/109.ccls. and (die or ic or chip) near2 (recess or recessed or cavity or hole or aperture or opening or receptacle or socket or depression or depressed or indent or indentation or trench) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 13:52 |
| L28 | 2277 | 438/107,108,109.ccls. and ((die or ic or chip) near2 (plural or plurality or multi or multiple or dual or two or second or stacked) or mcm or multidie) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 13:55 |
| L29 | 279 | 438/107,108,109.ccls. and ((die or ic or chip) near2 (plural or plurality or multi or multiple or dual or two or second or stacked) or mcm or multidie) near5 (interposer or carrier) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 14:11 |
| L31 | 311 | 257/E23.169.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 14:27 |
| L32 | 325 | 257/E23.175.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/09/22 14:27 |

Interference Search

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|----------|------------------|---------|------------------|
| L33 | 198 | ((interposer or carrier) near5 (opening or aperture or receptacle or indent or depression or cavity or recess or recessed or socket) near4 (chip or die or ic)).clm. | US-PGPUB | OR | ON | 2006/09/22 14:31 |
| L35 | 103 | ((interposer or carrier) and ((multiple or plural or multi or plurality or stacked) near2 (chip or die or ic) or multidie or mcm) and (chip or die or ic) near2 (receptacle or opening or recess or recessed or indent or indentation or aperture or depression or socket or cavity)).clm. | US-PGPUB | OR | ON | 2006/09/22 14:34 |
| L38 | 65 | ((interposer or carrier) and (die or chip or ic) near2 (bottom or lower or below) and (die or chip or ic) near2 (top or upper or above) and (chip or die or ic) near2 (plural or plurality or multi or multiple or second or secondary or dual or stack or stacked)).clm. | US-PGPUB | OR | ON | 2006/09/22 14:36 |
| L39 | 6 | ((interposer or carrier) and (die or chip or ic) near2 (inside or within or embedded or embedding or contained or enclosed or engulfed or enclosing) near3 (cavity or receptacle or opening or aperture or recess or recessed or depression or socket) and (die or chip or ic) near2 (top or upper or above) and (chip or die or ic) near2 (plural or plurality or multi or multiple or second or secondary or dual or stack or stacked)).clm. | US-PGPUB | OR | ON | 2006/09/22 14:37 |